

From glowbugs@sco.theporch.com Mon Mar 10 22:35:46 1997
Return-Path: <glowbugs@sco.theporch.com>
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Mon, 10 Mar 1997 22:35:45 -0600 (CST)
From: glowbugs@sco.theporch.com
Received: from sco.theporch.com (localhost [127.0.0.1])
by sco.theporch.com (8.8.5/SCO-5.0.2) with SMTP
id EAA00951; Tue, 11 Mar 1997 04:34:50 GMT
Date: Tue, 11 Mar 1997 04:34:50 GMT
Message-Id: <199703110434.EAA00951@sco.theporch.com>
Errors-To: ws4s@infoave.net
Reply-To: glowbugs@sco.theporch.com
Originator: glowbugs@sco.theporch.com
Sender: glowbugs@sco.theporch.com
Precedence: bulk
To: Multiple recipients of list <glowbugs@sco.theporch.com>
Subject: GLOWBUGS digest 470
X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas
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GLOWBUGS Digest 470

Topics covered in this issue include:

- 1) Tube Lore - Ludlow Sibley
by jkh@lexis-nexis.com (John Heck)
- 2) FS:Books of Historical Interest
by jkh@lexis-nexis.com (John Heck)
- 3) RCA Color TV Book??
by mack@mails.imed.com
- 4) Classic Triode base ``fits'' or ``subs''
by rdkeys@csemail.cropsci.ncsu.edu
- 5) Comparing early triode and pentode regen detectors
by rdkeys@csemail.cropsci.ncsu.edu
- 6) Re: Classic TRiode base ``fits'', etc.....
by rdkeys@csemail.cropsci.ncsu.edu
- 7) Re: Greetings fellow regenerator lover.
by rdkeys@csemail.cropsci.ncsu.edu
- 8) NTSC Report
by JMcaulay <jmc@qnet.com>

Date: Mon, 10 Mar 97 09:33:58 EST
From: jkh@lexis-nexis.com (John Heck)

To: glowbugs@theporch.com, boatanchors@theporch.com
Subject: Tube Lore - Ludlow Sibley
Message-ID: <9703101433.AA10834@beans.lexis-nexis.com>

Folks,

I just got my copy of "Tube Lore", by Ludlow Sibley, and have concluded that it is a must have for anybody fooling around with tube equipment. I thought it was a collection of Mr.Sibley's tube reminiscenses from over the years(he goes waaaayyy back) but it is not like that at all. It is a compendium of tube reference material

brought together from many sources, including Mr.Sibley's personal experience. I'm not trying to review the book in this letter, to be fair, but here are some of the topics covered:

Tube history

Tube naming standards

Tube specs for pretty much *ALL* tubes, rcvng, xmtng, VHF, UHF, special purpose, etc

Special section on sweep tubes

Tube renovation and repair(as far as it goes)

Tube substitutions and adaptions

Complete military tube reference

References for Compactrons, Nuvistors, etc., etc.

Lists of ham and audio and comm gear that sweep tubes were used in.

It is not really a book for tube collectors at all. It's a book for folks who are using tubes for tube gear maintenance and restoration. It's a good reference for collectors because it has *complete* lists of tube of all kinds. (Do you know the list of the original offering of metal tubes?) I got mine at AES for \$19.95 and it included the latest correction/late addition sheets.

I don't work for AES(damnit!) but like their stuff. It is also available from Sibley himself, and other sources exist, I suppose.

Regards,

John Heck, KC8ETS
1009 Donson Drive
Dayton, Ohio 45429
(513)865-7036(work)
jkh@lexis-nexis.com

Date: Mon, 10 Mar 97 10:05:25 EST
From: jkh@lexis-nexis.com (John Heck)
To: boatanchors@theporch.com, glowbugs@theporch.com
Cc: jkh@lexis-nexis.com

Subject: FS:Books of Historical Interest
Message-ID: <9703101505.AA10852@beans.lexis-nexis.com>

Folks,

I have the following books for sale. The prices do not include shipping which will run about \$3.50 each, or less if you buy more than one. Please reply by private email to jkh@lexis-nexis.com. Thank you.

"The Boy Electrician", Alfred P. Morgan, 1914 first edition copy of this wonderful book. It's in pretty good condition. There is a faded spot about 1/4" on the front cover, and a small streak of black about 1/2" long on the back cover (this mark might be removed). The covers are otherwise clean and only faintly faded, if at all. Inside the book is excellent with the exception of page 275, which has a tear next to the spine. The book has been used and the hinges need a little repair,

if desired, to make it perfect. The book is nice and clean and very readable. If you are interested in wireless before the tube era this is a fine book to have. It seems that about half the book is about wireless for boys, coherer detection, spark transmission, etc. This is a fine historical reception and the price is \$45.

"The Library of Work and Play-Electricity", John F. Woodhull, Doubleday, 1911. Excellent condition throughout. Most of the book is on electricity in general but there are several chapters on wireless and telegraphy. There are many illustrations

including many photographs of period equipment. This book is not as complete as "The Boy Electrician" but it is a nice historical reference, and in very nice condition as well. 357 pages. The price is \$25.

"Harpers Electricity Book For Boys", Joseph Adams, Harper Bros, NY. 1907. This is a nice large book with a general coverage of electrical subjects and also several chapters on wireless and telegraphy. The condition is fair to good. The covers, while not damaged, are rather faded, especially the spine, but their design can still be made out well. Some spotting and soiling on the covers, also. Inside, the book is complete with no tears or mechanical damage. This book has lots of illustrations and the frontispiece is a nice illustration of Edison contemplating some invention of his. At 407 pages there's a good bit of historical information and the price of this book is \$30.

Thank you.

Date: Mon, 10 Mar 97 10:31:37 cst
From: mack@mails.imed.com

To: glowbugs@theporch.com
Subject: RCA Color TV Book??
Message-ID: <9702108580.AA858018365@mails.imed.com>

Hey Y'all:

Back when I was learning about electronics and communications my Dad had a book from RCA that was published in 1953 or thereabouts. It was a full color book that went into nauseating detail about how NTSC works and why. In all of the moving that I have done and my parents for that matter, we have lost this book.

Does anyone on the list have a copy of this relic or even know what I am talking about? I remember this book as a very good reference and I don't know who to turn to except y'all.

Ray

Date: Mon, 10 Mar 1997 13:29:43 -0500 (EST)
From: rdkeys@csemail.cropsci.ncsu.edu
To: glowbugs@theporch.com, boatanchors@theporch.com
Cc: rdkeys@csemail.cropsci.ncsu.edu ()
Subject: Classic Triode base ``fits'' or ``subs''
Message-ID: <9703101829.AA117704@csemail.cropsci.ncsu.edu>

Someone had asked about subs for the '30, and I put out a partial list of direct subs. I finally found the complete list. It is:

Tubes which fit the classic 4 pin triode base (pins 1 and 4 are filament with 2 plate and 3 grid).....

00, 00A, 01, 01A, 01AA, 01B

2A3, 6A3

2C25

2C45

10, 10T, 10Y, 801, 801A

11/12

20

26

30

31

40

45, 45A

50

71A

99X (UX-99)

112A
181, 182A, 182B/482B, 183/483
205D
264
401A, 402, 403
450
585, 586
841
842
864
1276
1602
1608
5556
5930

Tubes which fit the classic 4 pin triode base (pins 1 and 4 are filament but plate and grid need jumper wires up to tube glass terminals).....

3C24/24G
800
808
809
811
812
830
834
1623
8005

So, there are a bunch of potential replacements for the '30, although many of the above are power tubes and transmitting tubes. Generically, the '30 and the '01A and its related special kin tubes are close subs, and that is about it for direct pluggitis.

In addition, almost any triode that you can hogwire into the 4 pin base will usually work, to some extent, sometimes quite well. Merely make up an adapter for common triodes or dualtriodes and make sure you know which filament pin is grounded and run your cathode there.

Food for thought..... happy subbing.....(:+}{}.....

73/ZUT DE NA4G/Bob UP

Date: Mon, 10 Mar 1997 14:53:13 -0500 (EST)
From: rdkeys@csemail.cropsci.ncsu.edu
To: glowbugs@theporch.com, boatanchors@theporch.com
Cc: rdkeys@csemail.cropsci.ncsu.edu ()
Subject: Comparing early triode and pentode regen detectors
Message-ID: <9703101953.AA117884@csemail.cropsci.ncsu.edu>

Last night I had a chance to play a bit with a 1925 2-tuber regen set, using period parts, and swap triode '30 and tetrode '32 tubes in the detector stage for comparisons. Filament voltage 2.0 volts. Plate voltage 36 volts. The 30 and 32 tubes were the same as to smoothness of regeneration but the 32 was slightly more sensitive compared to the 30. Also, one interesting finding was that the selectivity on the 32 detector was somewhat better than the 30 detector on the same set. My suspicion is that the grid of the 30 is lower impedance and hence loads the grid tank down somewhat compared to the 32 tube. That would be one point in favor of tetrodes and pentodes over triodes. Other than that, both were about equal. Either makes a fine detector and one step. To swap either in the detector, merely run the grid coupling cap up to the grid terminal on the 32 and then run the low side of the audio transformer B+ to the screen of the 32 (which was the old grid on the 30). Reverse to run the 30. Works fine for me.....(:+})..... Also, it opens up a very simple swap for 30's that might be somewhat scarce in yer tube bin (or 30's for 32's for that matter). Ahh, the simplicity of a good ol' regenerator.....(:+}).....

73/ZUT DE NA4G/Bob UP

Date: Mon, 10 Mar 1997 15:10:30 -0500 (EST)
From: rdkeys@csemail.cropsci.ncsu.edu
To: glowbugs@theporch.com, boatanchors@theporch.com
Cc: rdkeys@csemail.cropsci.ncsu.edu ()
Subject: Re: Classic TRiode base ``fits'', etc.....
Message-ID: <9703102010.AA117946@csemail.cropsci.ncsu.edu>

And fer heaven's sakes, if yer a'swappin' classic triodes around, DO make sure yer filaments are run at reasonable ratings.....dropping a 30 into an 801A application might pose vaporitis on the ol' filamentary emission device, and the reverse would make the thing about as dead as a doornail in the tin cans.....(:+\}\.....

73/ZUT DE NA4G/Bob UP

Date: Mon, 10 Mar 1997 15:17:27 -0500 (EST)
From: rdkeys@csemail.cropsci.ncsu.edu
To: cjan@oce.nl (Corne Janssen)
Cc: rdkeys@csemail.cropsci.ncsu.edu (), glowbugs@theporch.com
Subject: Re: Greetings fellow regenerator lover.
Message-ID: <9703102017.AA117972@csemail.cropsci.ncsu.edu>

Stuff on me regeneratore devicen deleted.....

Corne wrote.....

> My interest in gegenerative receivers is an offspin of repairing
> old radios. When I started to repair and restore a radio from the
> 1930's I can across some info on early regenerative receivers.
> Then I decided to build one myself. The result was an AM regenerative
> receiver that to my surprise worked quite well. From that moment on
> I was hooked.

Hey, another kindred spirit! We gotta get this fellow aboard!
Hooked upon de ol' regeneratore control..... sounds very familiar!

> p.s. I will sign up for the Glowbugs mailing list.
> greetings,
> Corne.

If there is anything that hooks a feller into that warm fuzzy glow
frame of reference, it is that first plop into regeneration! YEAH!
Ahhh, that makes my day.....

73/ZUT DE NA4G/Bob UP

Date: Mon, 10 Mar 1997 16:53:20 -0800 (PST)
From: JMcaulay <jmc@qnet.com>
To: glowbugs@sco.theporch.com
Subject: NTSC Report
Message-ID: <199703110053.QAA04313@ns2.qnet.com>

Having seen quite a bit about books today, it reminds me that I [stupidly]
lent out my copy of the _Report_of_the_National_Television_System_Committee_
(1941) several years ago, and the dirty rotten subhuman to whom I lent it
(actually, he was a pretty nice guy) moved away and never returned my book.
Anyway, if any of the group might have or know of an available copy, please

email me.

Thanks lots,

John WA6QPL

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* Old age and treachery will always triumph over youth and skill. *

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End of GLOWBUGS Digest 470
